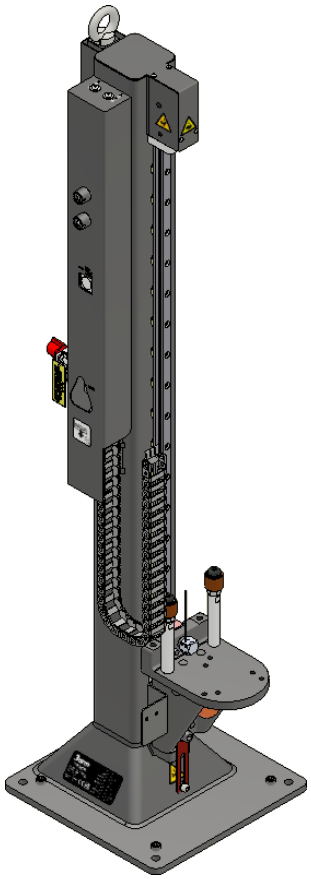
INSTRUCTION MANUAL

COLUMN D63

ROSCAMAT®

3arm®



TECNOSPIRO MACHINE TOOL, S.L.U.

P.I Pla dels Vinyats I, s/n nau 1

08250 - Sant Joan de Vilatorrada. Barcelona - España

Telf. +34 938 76 43 59

E-mail: roscamat@roscamat.com

3arm@3arm.net

ISO 9001 BUREAU VERITAS Certification

TECNOSPIRO MACHINE TOOL SLU

DESIGN & QUALITY ROSCAMAT 3arm Made in Barcelona

www.roscamat.com

www.3arm.net

TABLE OF CONTENTS

1 INTRODUCTION

Dear customer,

We would like to congratulate you on your choice and are pleased to continue our ongoing endeavours to provide our customers with a simple, reliable and versatile way to improve workplace ergonomics.

We hope these simple instructions will help you set up and operate the machine you have chosen. We would advise you to pay special attention to the pages on the concepts of installation, maintenance and safety.

We wish you a long working life for your machine and hope that you will ratify the excellent investment you have made by purchasing a lifting column compatible with 3Arm products®.

2 ABOUT THIS MANUAL

This is the instruction manual for the D63 Column.

- ORIGINAL MANUAL-

Intellectual/Industrial Property:

Tecnospiro Machine Tool, S.L.U. (the Company) hereby informs you that the entire contents of this document, including, but not limited to, the texts, images, graphic designs, brands and trade and company names, are the property of the Company or the Company holds exclusive title to them (hereafter Intellectual/Industrial Property). Copying, reproduction, distribution, publication or use of this Intellectual/Industrial Property, in full or in part, in any way or form, without the express written consent of the Company, even when quoting the source, is prohibited. Use of any content that, due to the characteristics thereof, is similar to such Intellectual/Industrial Property will likewise be considered to violate the rights of the Company to that Intellectual/Industrial Property.

2.1 CONSIDERATIONS

- ✓ Before using the equipment, make sure you read this instruction manual and follow the safety and operating instructions fully.
- ✓ All the instructions contained in this manual refer to the individual device; the end user is responsible for analysing and applying all the necessary safety measures required for the intended use.
- ✓ This manual must be kept near the device for consultation throughout its working life.
- ✓ If any part of this manual seems unclear, confusing or imprecise, please do not hesitate to contact your 3arm® and/or Roscamat® distributor.
- ✓ The contents of this manual may be subject to change without prior notice.
- ✓ If the manual is lost or damaged, contact TECNOSPIRO MACHINE TOOL, S.L.U. so we can provide you with a new one.
- ✓ This document, or any part thereof, may only be reproduced or provided to third parties with the express written authorisation of TECNOSPIRO MACHINE TOOL, S.L.U.
- ✓ Some details of the illustrations in this manual may differ from the specific device configuration. They should be understood as representative of the standard product.

Paragraphs indicating assembly, adjustment, installation and maintenance steps are indicated by brown shading.

Paragraphs containing important information are indicated by grey shading.

2.2 VERSION

Document	Revision date
Instruction Manual	4/29/2025

3 SAFETY INFORMATION

3.1 SCOPE OF APPLICATION

This section contains extremely important information on the safe operation of the device and is intended for anyone involved in any stage of the life cycle of this device (transport, assembly and installation, commissioning, adjustment–training, operation, cleaning, maintenance, troubleshooting and disassembly/decommissioning).

3.2 WARNINGS AND GENERAL CONSIDERATIONS

- ✓ The device described in this document has been built using current technology and in accordance with applicable technical standards on safety. However, misuse or improper set-up by the end user may result in a risk of injury.
- ✓ The device must only be used if it is proper working order, and all safety rules and instructions in this document must be obeyed.
- ✓ Any problem that could affect the safety of the device must be corrected immediately.
- ✓ No modifications must be made to the device without due authorisation from TECNOSPIRO MACHINE TOOL, S.L.U.
- ✓ The device must only be used for the intended purpose; any other use is strictly prohibited. All use other than that indicated here will be considered misuse and is prohibited. The manufacturer assumes no liability for damage that may result from such misuse.
- ✓ The installer, owner and/or end user are responsible for determining whether the product is appropriate for each specific use, as well as determining the installation site and concretely defining the task to be performed with this product, within the limits set forth in this manual.
- ✓ Do not use it for any purpose not covered in this manual.
- ✓ The operator may only operate the device after having received applicable instructions for its use.
- ✓ It is recommended that only one operator use the device at one time; any other use must be evaluated by the installer / end user.
- ✓ Manipulating the device's moving parts and joints whilst the device is in use is strictly prohibited.
- ✓ When not in use, it's recommended to leave the wagon in its lower position.
- ✓ The working area of the device and its closest area of influence must comply with conditions of workplace safety, health and hygiene; the installer / end user are responsible for conducting a study to ensure safety.
- ✓ The presence of others in the device's working area must be restricted as much as possible in order to avoid any risk to safety; if any other use is

intended, a supplemental study of the risks arising from the working mode must be conducted.

- ✓ It is important for operators of this device to be familiar with and have sufficient training in the use of this product or similar equipment.

- ✓ In any event, the operator must read and understand this manual before using the device, regardless of their prior knowledge, training or experience with similar equipment; the sections on installation, operation and safety are especially critical.

- ✓ If unsure about device usage or maintenance procedures, please contact your 3arm® and/or Roscamat® distributor.

3.3 EXCLUSIONS

The device is not intended for the following uses:

- ✓ Manipulation of any components or functions of the device aside from those specified in this manual.
- ✓ Use by persons with any type of disability, or by animals.
- ✓ Use by staff who have not completed occupational risk prevention training.

Excluded installation sites:

- ✓ Installation in corrosive areas
- ✓ Installation in dusty areas
- ✓ Installation in areas with high electromagnetic emissions
- ✓ Installation in areas with extreme temperatures (very high or very low)
- ✓ Installation in areas with high humidity
- ✓ Outdoors installation

3.4 SYMBOLS AND ICONS

- ✓ Throughout this manual and on the structure of the machine itself, you may see various symbols and icons whose meaning is summarised below:

	Danger: General danger symbol. This symbol is generally accompanied by an additional symbol or a more detailed description of the danger.
	Risk of pinching

3.5 SYSTEM INSTALLER

The system installer or end user is responsible for installing the machinery in accordance with all applicable safety measures.

The installer / end user is responsible for the following tasks:

- ✓ Location and proper installation.
- ✓ Connections.
- ✓ Risk assessment.
- ✓ Installation of mandatory safety and protectives features.

3.6 PERSONAL PROTECTIVE EQUIPMENT (PPE)

The following personal protective equipment should be used with this machine: **safety boots, hardhat, safety goggles and safety gloves** for transport, assembly and installation, commissioning and dismantling.

Safety footwear, safety gloves and safety goggles for adjustment, training, operation and troubleshooting.

The installer or end user is responsible for specifying the required personal protective equipment for the intended application of the machinery and to meet essential health, safety and hygiene requirements.

Operators must not wear loose clothing, rings, bracelets or watches since these may become caught in the workings of the machinery.

Hair must be tied up to prevent it getting caught in the moving parts of the machinery.

3.7 LEVEL OF TRAINING FOR PERSONNEL WHO WORK WITH THE DEVICE

Anyone who works with the machinery must have read and understood the information in the chapter on safety.

People working with the device must have the following minimum training:

- Production operators: occupational risk prevention course and complete training on work posts and on the residual risks associated with the partly completed machinery. At least one year of experience in similar facilities.

- Maintenance operators: occupational risk prevention course and complete training on handling, operation, maintenance and upkeep of the partly completed machinery and on the residual risks associated with it. Minimum of two years of experience in similar facilities, with the level of technical training needed to be able to perform tasks without difficulty.

- Cleaning operators: Occupational risk prevention course, training on the products and procedures needed to be able to perform cleaning tasks.

- Apprentices/Trainees: may only work with the partly completed machinery under constant supervision of a facility supervisor.

- General public: non-operators passing through the work area must keep a safe distance of at least two metres from the edge of the partly completed machinery's perimeter.

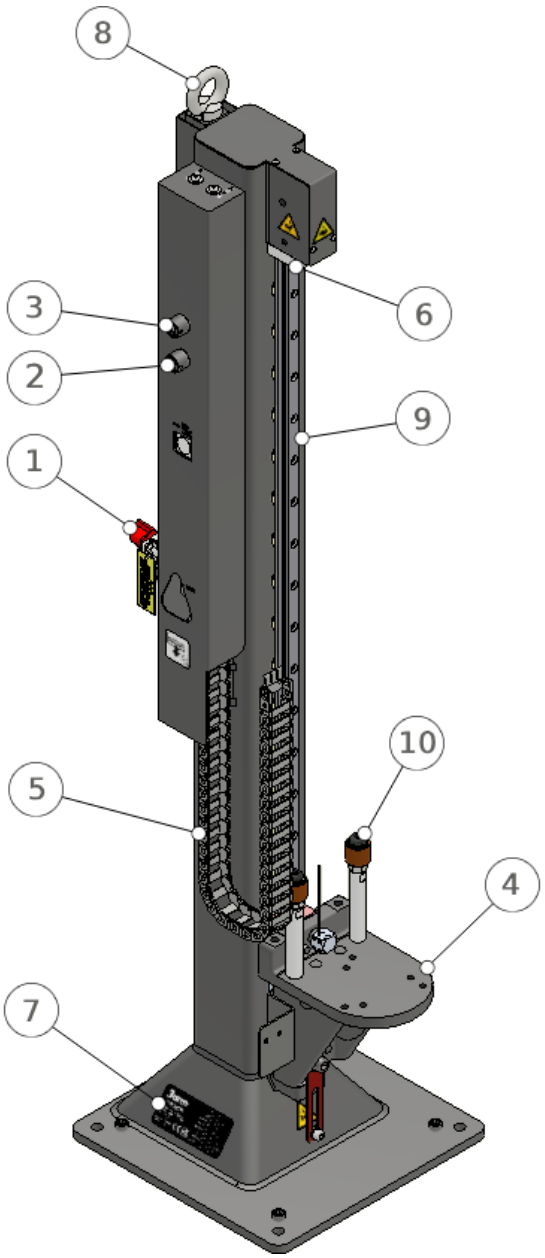
3.8 RESIDUAL RISKS

The residual risks of the equipment would be:

- ✓ Striking and crushing of hands or feet due to the falling of the part released from the tools.
- ✓ Striking and crushing in the displacement of the spine support.
- ✓ Striking and cutting with the structure of the column itself.
- ✓ Entrapment, slamming and/or crushing due to the manipulator falling or overturning.

4 GENERAL DESCRIPTION AND TECHNICAL INFORMATION

4.1 MAIN PARTS



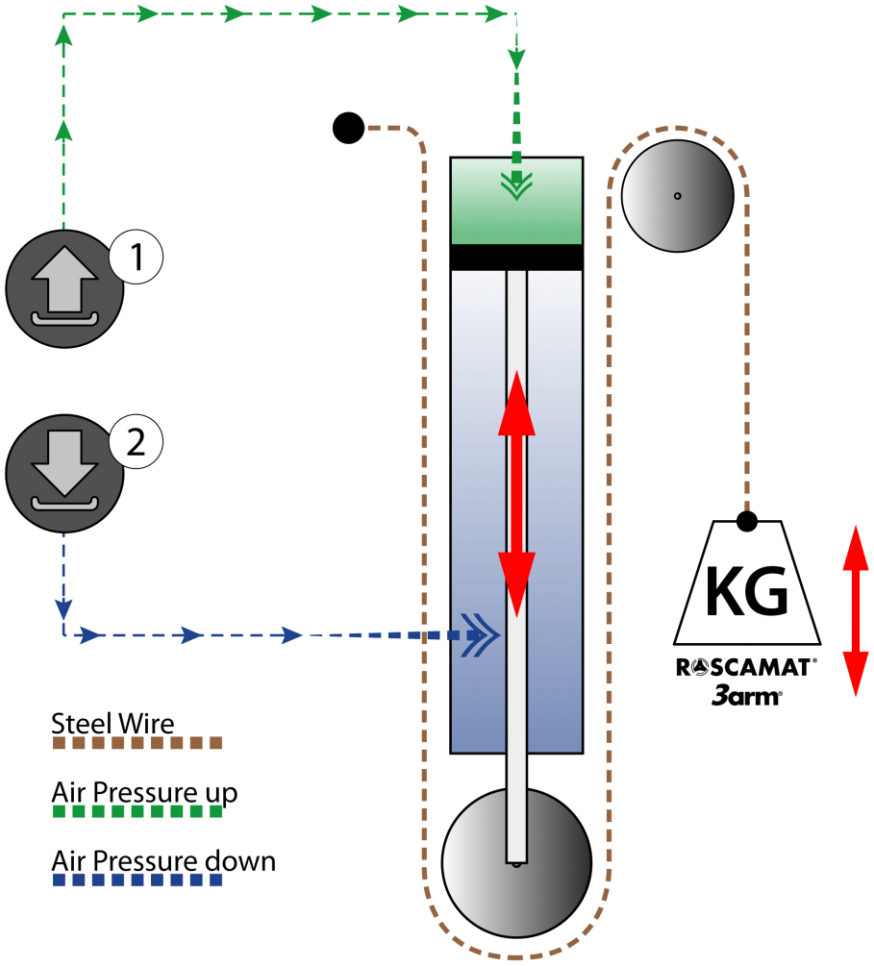
1.- Safety valve
2.- Column down push-button
3.- Column up push-button
4.- Support platform
5.- Cable tray chain
6.- Silicone stopper
7.- Nameplate
8.- Transport Ring
9.- Linear guide
10.- Anti-rotation stopper

4.2 DESCRIPTION AND OPERATING PRINCIPLES

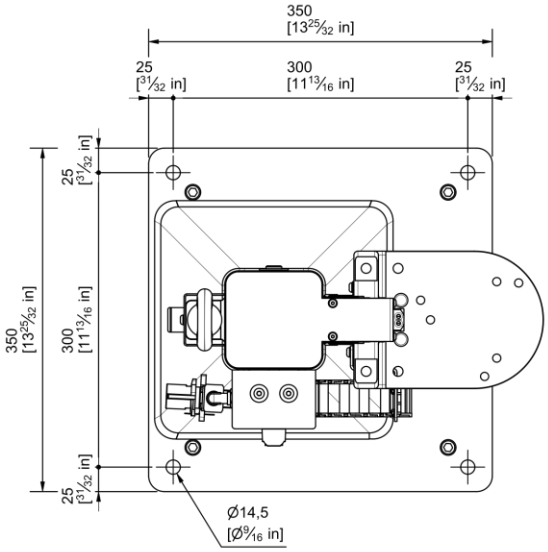
D63 Column is designed to raise and lower products in the ROSCAMAT® or 3arm® ranges made by Tecnospiro Machine Tool, S.L.U.

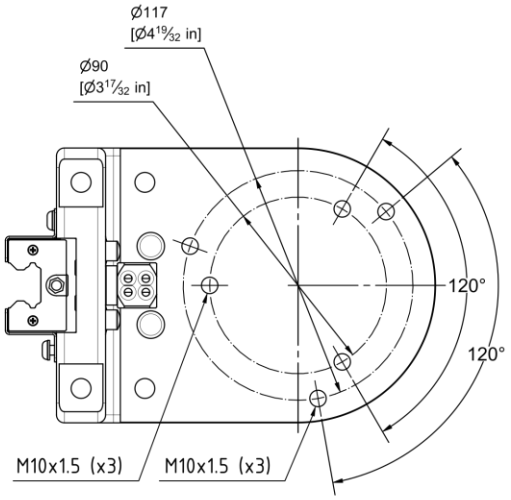
A pneumatic cylinder together with a double steel cable will move the support platform along the intended guide in an upward or downward direction depending on whether push buttons (1) or (2) are actuated respectively.

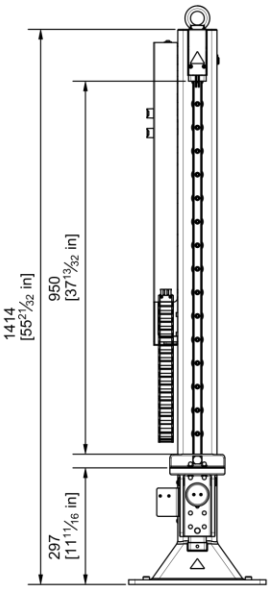
An automatic pneumatic lock will keep the support platform stationary in the proper position according to job conditions.



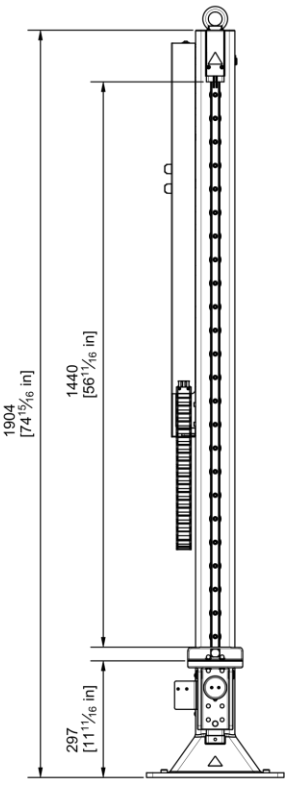
4.3 DIMENSIONS



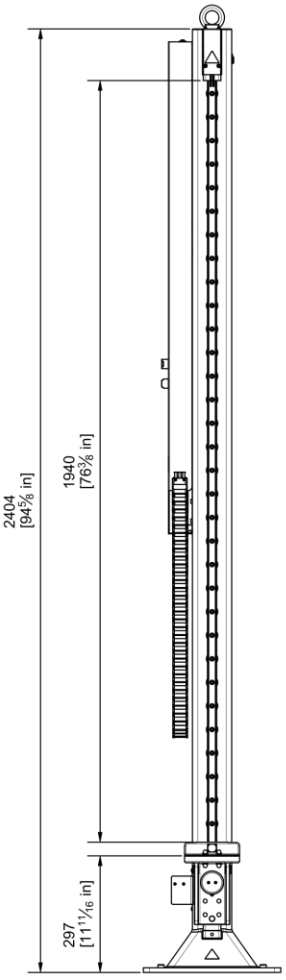




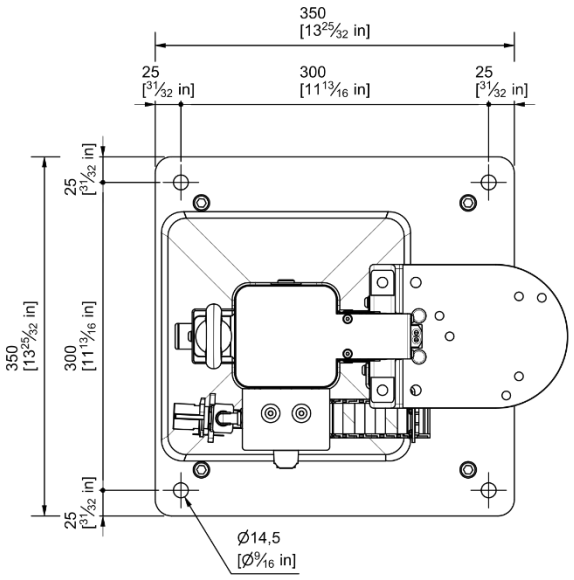
1500 D63 Column

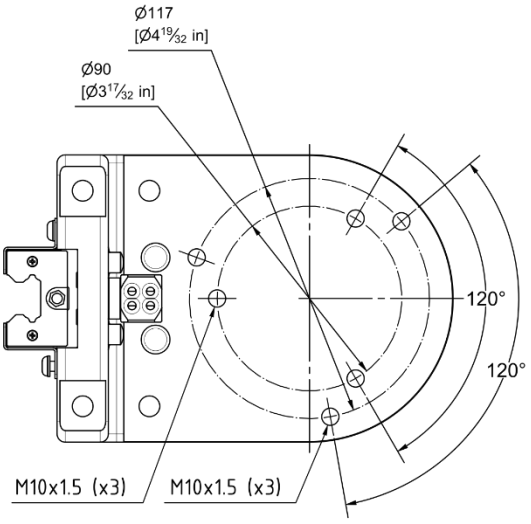


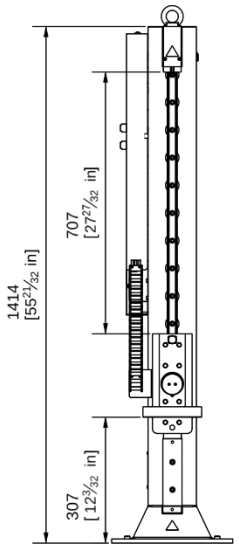
2000 D63 Column



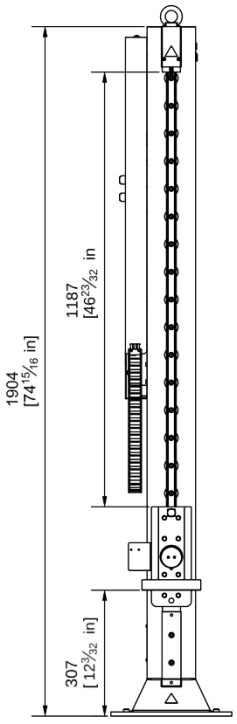
2500 D63 Column



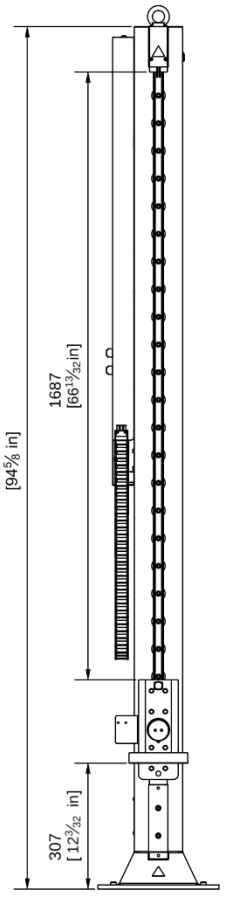




1500 D63 Column ceiling



2000 D63 Column ceiling



2500 D63 Column ceiling

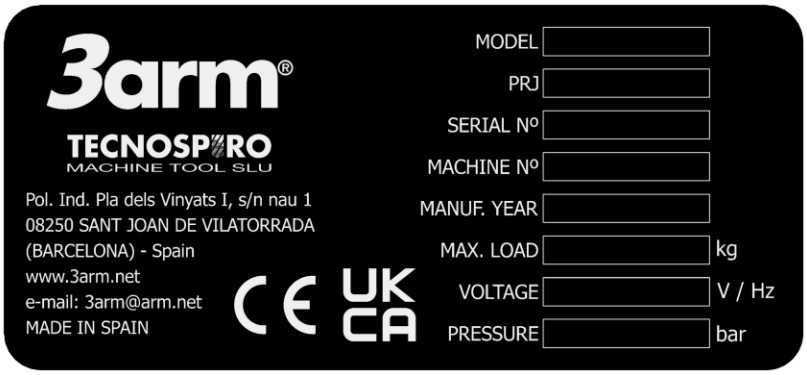
4.4 TECHNICAL SPECIFICATIONS

GENERAL TECHNICAL SPECIFICATIONS		
Load capacity		
	Load capacity centered in the trolley	84 kg *(185 lb)*
	Maximum allowable torque in trolley	970 Nm
Stroke		
	1500 D63 Column	950 mm *(37 13/32 ")*
	2000 D 63Column	1440 mm *(56 11/16 ")*
	2500 D63 Column	1940 mm *(76 3/8 ")*
	1500 D63 Column ceiling	707 mm *(27 56/64 ")*
	2000 D 63Column ceiling	1187 mm *(46 47/64 ")*
	2500 D63 Column ceiling	1687 mm *(66 27/64 ")*
Weight		
	1500 D63 Column	59 kg *(130 lb)*
	2000 D 63Column	72 kg *(158 lb)*
	2500 D63 Column	81 kg *(178 lb)*
Pneumatic specifications		
	Supply fluid	Pressurised air
	Max. pressure of air supply	0,8 MPa *(8 bar)*
	Max. working pressure	0,7 MPa *(7 bar)*
	Min. working pressure	0,6 MPa *(6 bar)*
Working conditions		
	Temperature	-10 to +50 °C
	Relative humidity	Max. 70%
	Environment	Industrial environments

4.5 IDENTIFICATION PLATE

An indelible adhesive identifies your D63 Column and indicates the following characteristics.

CE marking, manufacturer (name, address and company name), date of manufacture, serial number, model, model name, working load limit, set-up load, maximum working pressure.



4.6 SET-UP LOAD

Depending on the device (ROSCAMAT® or 3arm®) intended to be used with the column, the column will be configured in the factory to a default set-up or configuration load.

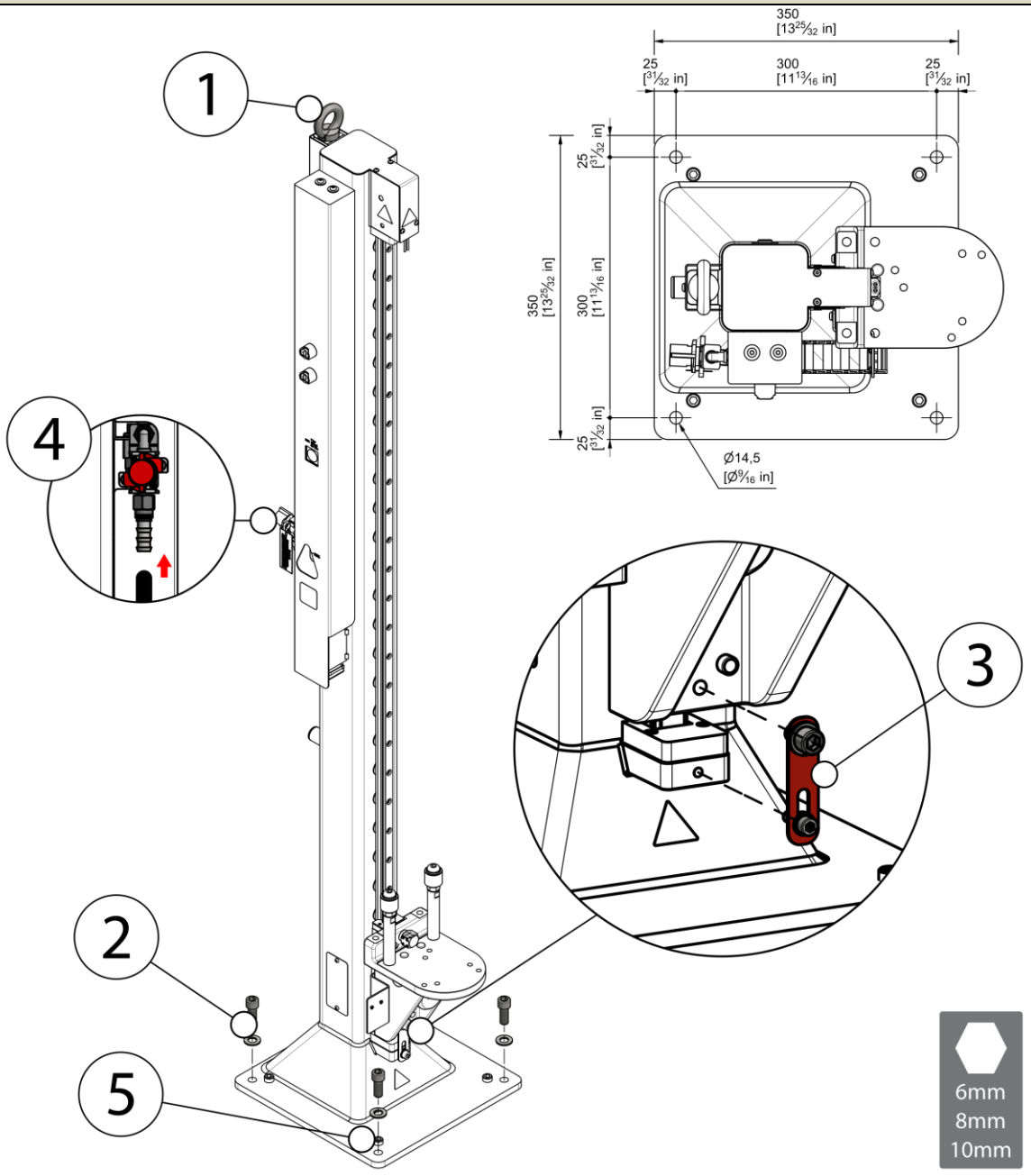
This means that the column is pre-configured for the set-up load and does not require additional adjustment.

The set-up load is marked on the identification plate *[See IDENTIFICATION PLATE page 14].*

Should the equipment be installed on the column head needs to be changed in the future, if the weight is different from the original, this load must be readjusted *[See ADJUSTMENTS page 18].*

5 INSTALLATION

1. Remove the column from the original packaging using the eyebolt (1).
2. **Fasten the column** to the surface by means of screws (2) suitable for the chosen location or by means of a similar fastening system under the approval of the integrator.
3. **Remove the red locking link** (3) (6 and 8mm Allen key) from the lower part of the column (This is a packing element, used only for transporting the equipment).
4. **Connect the air supply (4) (tube Ø12 mm).**
5. **Install your equipment**[1] to the column bracket using the screws supplied.
6. **Adjust the studs (5)** to avoid slight twisting due to unevenness of the floor.



[1] See attached 3Arm® or Roscamat® equipment manual.

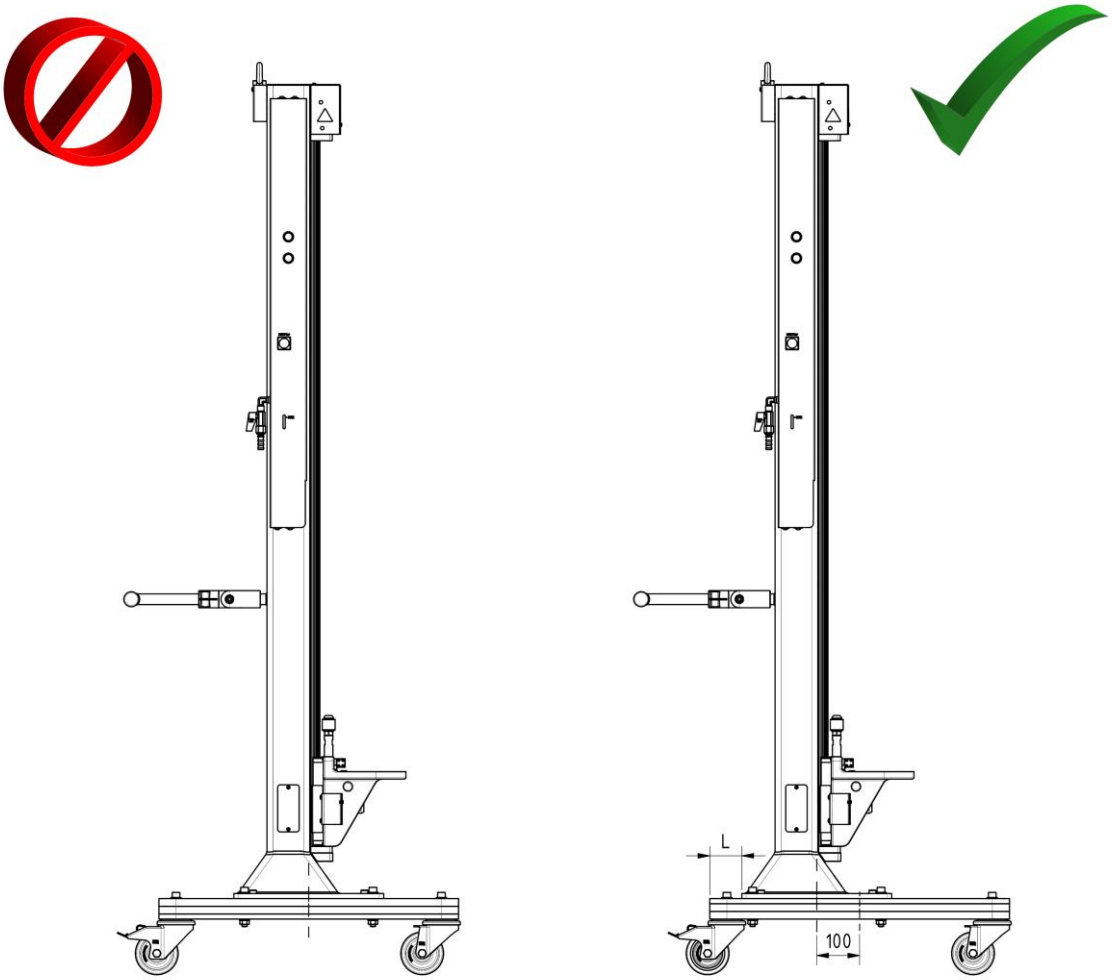
INSTALLATION SITE

The elevator must be installed on a horizontal floor with a minimum thickness of 150mm of concrete with resistance 30N/mm^2 (C25/30).
Furthermore, the ground must be flat and properly levelled.
In case of special applications, consult the contractor (mason).
Do not install the equipment in environments such as:

- ✓ *Areas with explosion or fire hazards*
- ✓ *Exterior areas*
- ✓ *Corrosive areas*
- ✓ *Areas with extreme temperatures (very high or very low)*
- ✓ *Areas with high humidity*
- ✓ *Areas with high electromagnetic emissions*

5.1 SAFETY CONSIDERATIONS REGARDING INSTALATION

Installation of D63 column together with trolley must be carried out ensuring the proper disposition according following information.



INSTALLATION

- ✓ The column must be installed 100 mm from the centre of the trolley.
- ✓ For safety reasons, verify that the indicated measure L corresponds to the values shown in the following table before finalising the installation. Note that the distance L must be measured from the side which has the wheels with the brake lever.

Values of L:

Trolley 700x700	75 mm *(2,9")*
Trolley 800x800	125mm *(4,9")*
Trolley 900x900	175 mm *(6,8")*

6 ADJUSTMENTS

6.1 ADJUSTING RAISING/LOWERING SPEED

Raising and lowering speeds can be adjusted to working conditions.

6.1.1 Before performing adjustment

1- Shut off the air supply by closing the valve (1).
2- Remove the protective cover (2), previously removing the screws (3) that hold it in place.
3- Resume air supply by opening the valve (1).

6.1.2 Adjusting upward movement

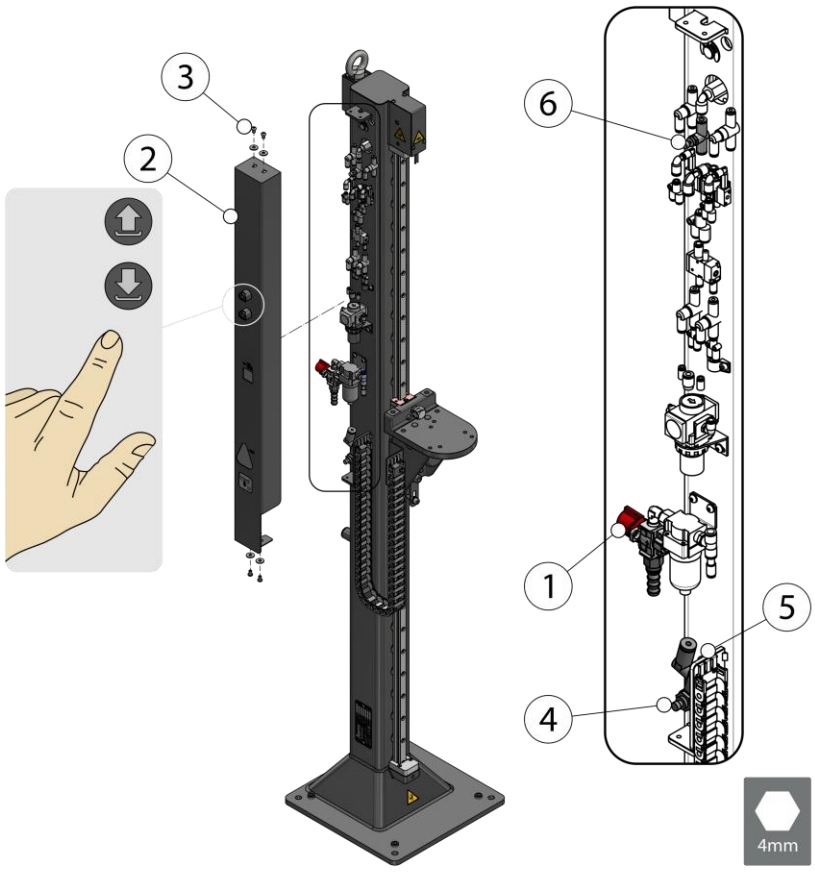
1- Adjust the pressure gauge to suit the working load.
2- Close or open the exhaust regulator (4) until a suitable rate of ascent is achieved.

6.1.3 Adjusting downward movement

1- Regulate the pressure between 2-3 bar of the pressure regulator (5).
2- Close or open the exhaust regulator (6) until a suitable rate of descent is achieved.

⚠ MAXIMUM SPEED

✓ Maximum speed must never exceed 9 m/min.



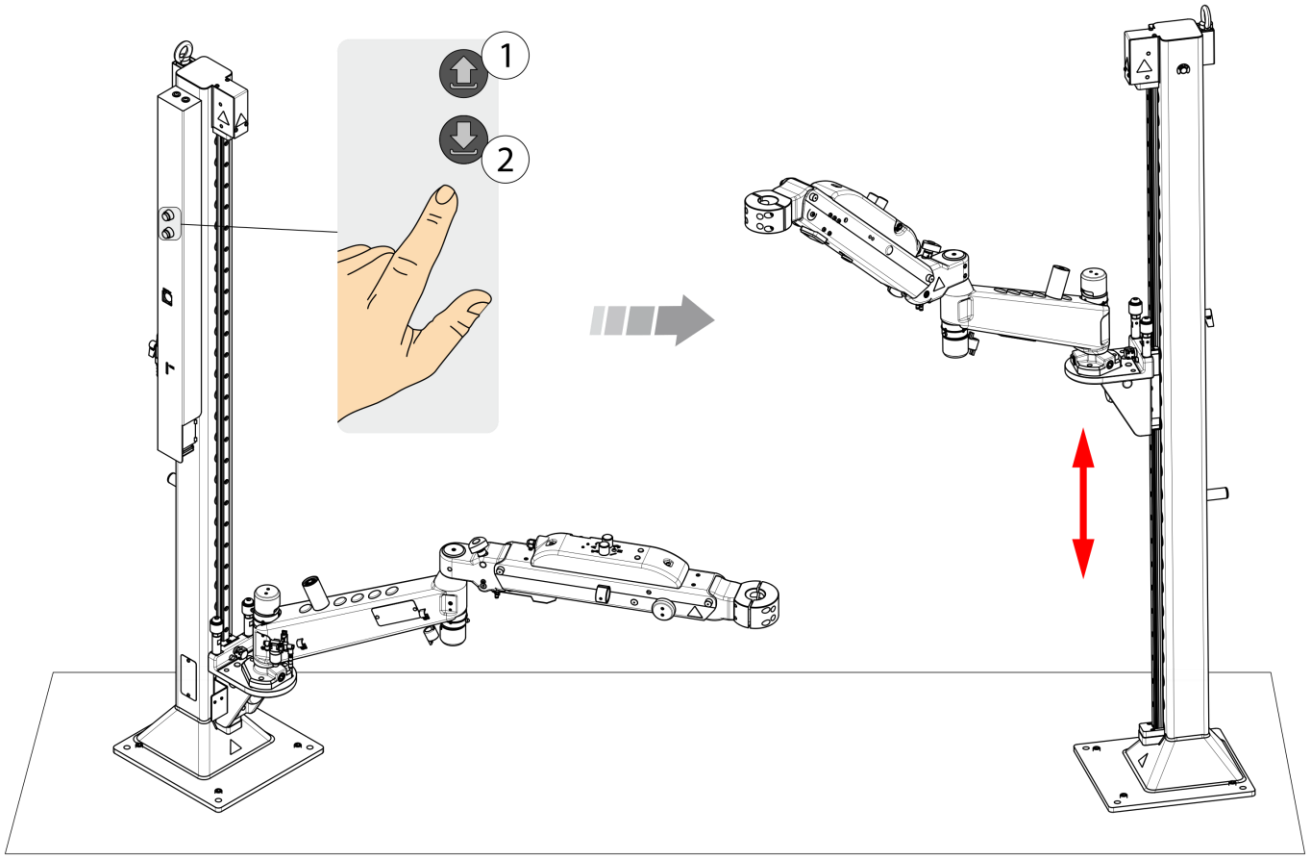
7 OPERATION

The column can be operated from the control cover and its 3Arm® equipment (double drive).

Hold down the button (1) or (2) until the slide reaches the desired position:

- Push-button (1): Upward movement.

- Push-button (2): Downward movement.



3arm lifting equipment are 100% pneumatic systems, and therefore requires a specific operating procedure, both for commissioning and disconnection.

Once the equipment has been used, it is necessary to shut it down following this procedure:
1- Lower the support platform to its lowest position, to avoid loads in the switch off mode.
2- Close the manual inlet valve, for safety.

ADDITIONAL INFORMATION

If the equipment is powered by a compressor, it is necessary to start the compressor first and once we have 6 bar of working pressure, we can open the manual inlet valve of the equipment and start working with it.
In the case of disconnecting or turning off the equipment, it is necessary to first lower the support platform to its lowest position, secondly close the manual inlet valve, and finally turn off the compressor.

ATENTION

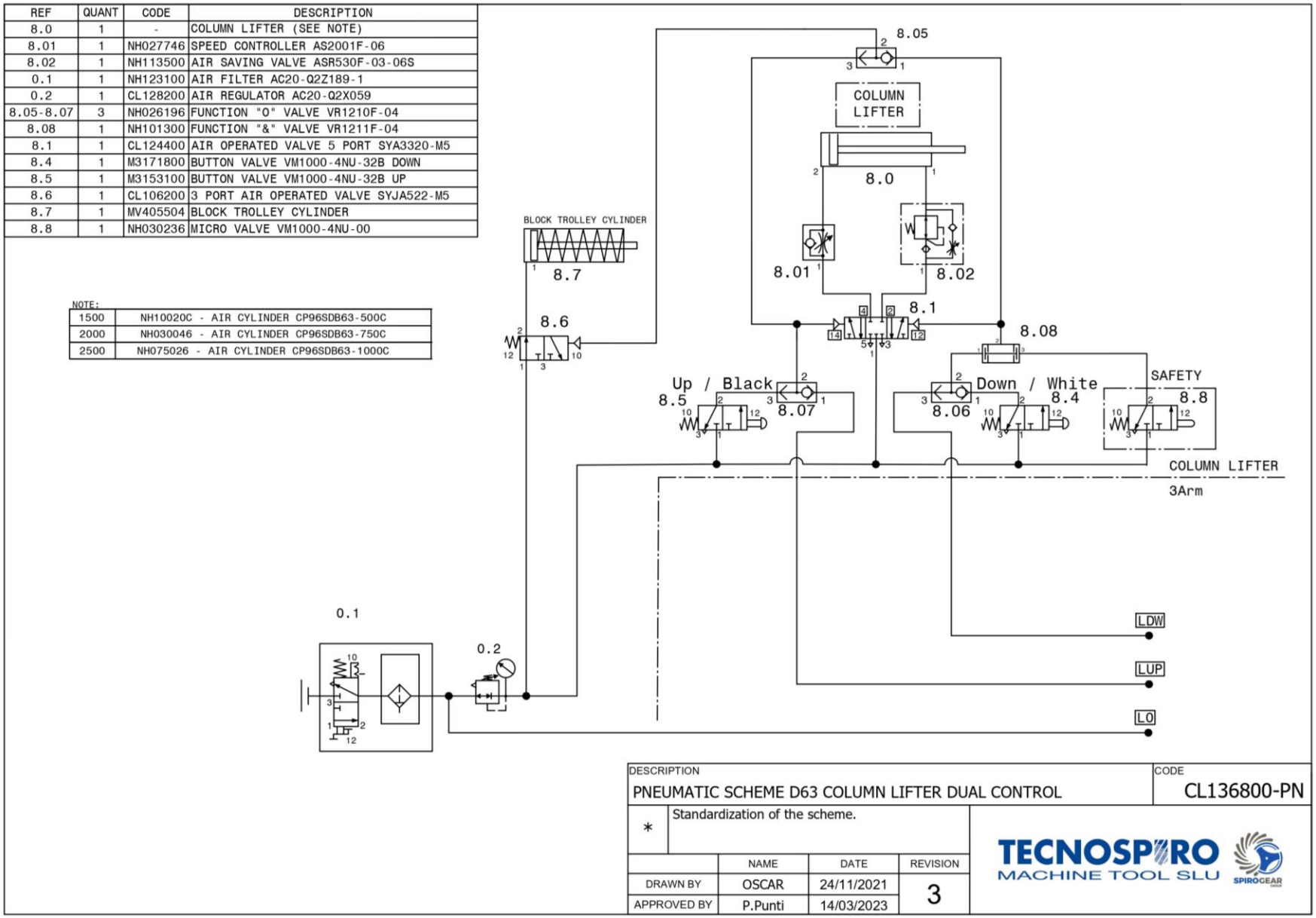
- ✓ It is recommended to hold the black push-button (1) in order to fill the piston with air a little and thus avoid an abrupt descent at the beginning of the downward movement.
- ✓ During periods of prolonged inactivity, the support platform must be positioned at the lower end of the column.

7.1 PNEUMATIC DIAGRAM

REF	QUANT	CODE	DESCRIPTION
8.0	1	-	COLUMN LIFTER (SEE NOTE)
8.01	1	NH027746	SPEED CONTROLLER AS2001F-06
8.02	1	NH113500	AIR SAVING VALVE ASR530F-03-06S
0.1	1	NH123100	AIR FILTER AC20-Q2Z189-1
0.2	1	CL128200	AIR REGULATOR AC20-Q2X059
8.05-8.07	3	NH026196	FUNCTION "O" VALVE VR1210F-04
8.08	1	NH101300	FUNCTION "&" VALVE VR1211F-04
8.1	1	CL124400	AIR OPERATED VALVE 5 PORT SYA3320-M5
8.4	1	M3171800	BUTTON VALVE VM1000-4NU-32B DOWN
8.5	1	M3153100	BUTTON VALVE VM1000-4NU-32B UP
8.6	1	CL106200	3 PORT AIR OPERATED VALVE SYJA522-M5
8.7	1	MV405504	BLOCK TROLLEY CYLINDER
8.8	1	NH030236	MICRO VALVE VM1000-4NU-00

NOTE:

1500	NH10020C - AIR CYLINDER CP96SDB63-500C
2000	NH030046 - AIR CYLINDER CP96SDB63-750C
2500	NH075026 - AIR CYLINDER CP96SDB63-1000C



8 MAINTENANCE

8.1 LOCK SYSTEM MAINTENANCE

In the event of a malfunction of the linear guide carriage locking system, carry out the following checks in the order in which they are presented.

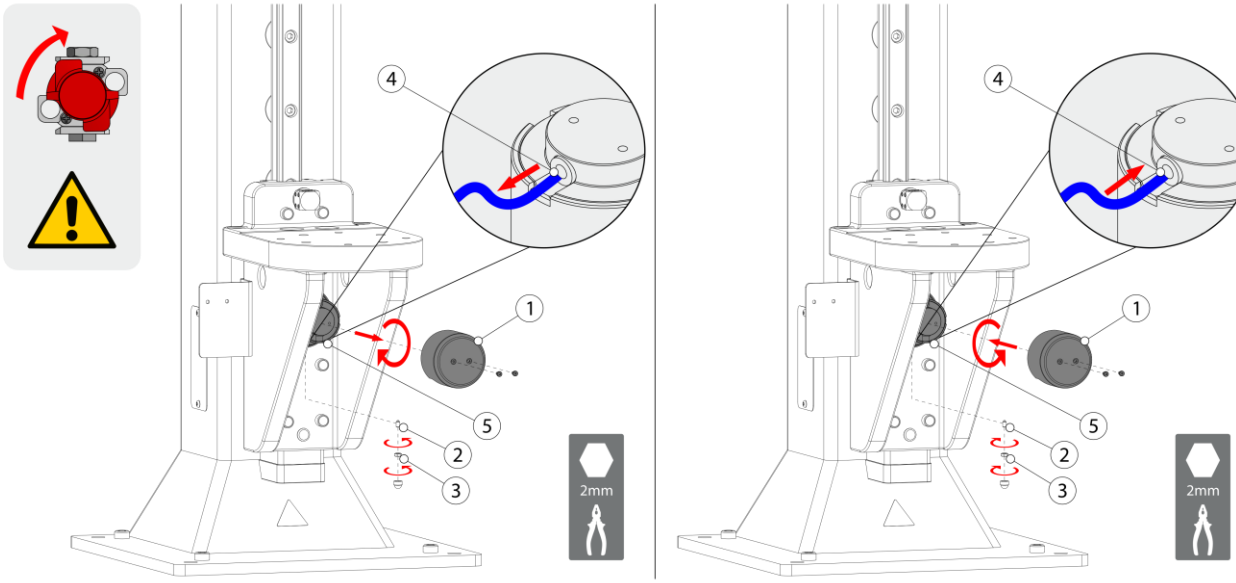
8.1.1 Air supply check

- Check that the sub-supply pressure must be 6-7 bar.
- Verify that the pressure gauge is in good condition and set to a range of 6-7 bar.
- Verify that the locking cylinder receives air.

8.1.2 Pneumatic cylinder adjustment

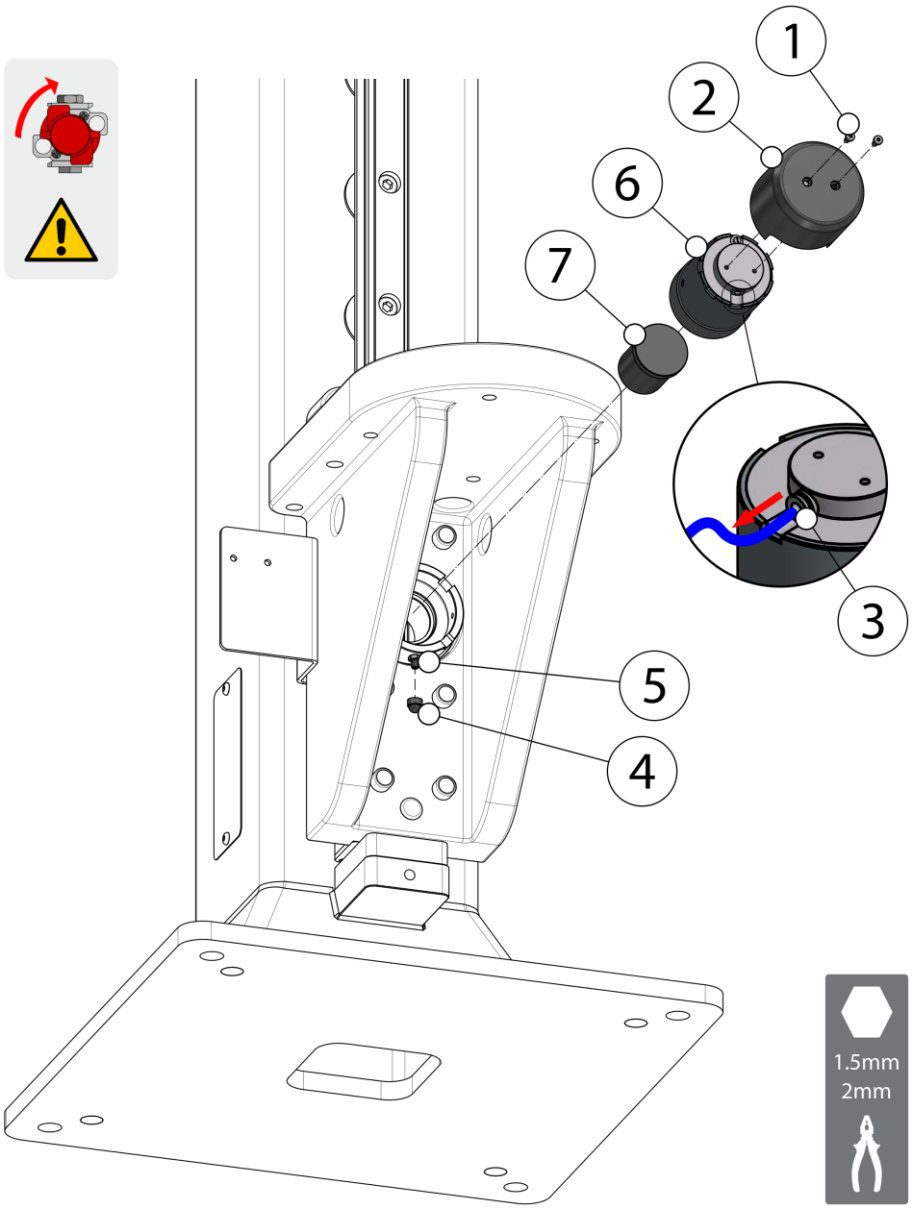
Follow the steps below to adjust the pneumatic locking cylinder.

1. Release the air pressure in the column.
2. Remove the cap (1), previously removing its screws (Allen key 2 mm) and disconnect the air supply tube (4).
3. Loosen the nut (3) and the stud bolt (2). (Allen key 2 mm).
4. Screw the cylinder (5) clockwise until it stops.
5. Slightly unscrew the cylinder (5) anticlockwise (approx. 1/12 turn).
6. Replace the stud bolt (2) and nut (3), the feeding tube and insert the cap (1) and its screws.
7. Connect the column to the air sub-supply and check the locking function again.



8.1.3 Replacement of the locking cylinder and/or pads

1- Release the air pressure in the column.
2- Remove the screws (1) (2mm Allen key) and remove the cap (2).
3- Disconnect the air supply tube from the coupling (3) that supplies the cylinder.
4- Remove the cap (4) and loosen the screw (5) (1.5mm Allen key).
5- Unscrew the cylinder (5) and remove it.
6- Remove the pad (7) and replace it if necessary.
7- Screw the cylinder assembly (7) all the way on and unscrew it slightly, anticlockwise (approx. 1/12 turn).
8- Tighten the screw (5) (1.5mm Allen wrench) and place the cap (4).
9- Reconnect the cylinder supply tube (3), replace the cap (2) and tighten the screws (1) (2mm Allen key).
10- Turn on the air pressure and check the operation of the lock.



8.2 COMPRESSED AIR MAINTENANCE UNIT

For good functioning of the compressed air unit, an air quality level of class 1.4.1 is recommended, according to the table attached. ISO 8573-1 2010.

ISO 8573-1:2010 CLASS	PARTICLES				WATER		OIL
	Maximum number of particles of the following size [µm]/m³ of compressed air			Mass Concentration	Vapour Pressure Dewpoint	Content of liquid	Total content (liquid, aerosol, gas)
	0.1 - 0.5 µm	0.5 - 1 µm	1 - 5 µm	[mg/m³]	[°C]	[g/m³]	[mg/m³]
0	By definition of the user, less contamination than class 1						
1	≤ 20000	≤ 400	≤ 10	-	≤ -70	-	≤ 0.01
2	≤ 400000	≤ 6000	≤ 100	-	≤ -40	-	≤ 0.1
3	-	≤ 90000	≤ 1000	-	≤ -20	-	≤ 1
4	-	-	≤ 10000	-	≤ +3	-	≤ 5
5	-	-	≤ 100000	-	≤ +7	-	-
6	-	-	-	≤ 5	≤ +10	-	-
7	-	-	-	5 - 10	-	≤ 0.5	-
8	-	-	-	-	-	0.5 - 5	-
9	-	-	-	-	-	5 - 10	-
X	-	-	-	> 10	-	> 10	> 5

Periodically check the water level accumulated in the reservoir, and bleed if it has reached the limit.

8.3 LINEAR GUIDING SYSTEMS (Rails, skates, …)

Like any other bearing, linear guides need a sufficient supply of lubricant. Oil and grease can be used to lubricate. Lubricants reduce wear, protects against contamination, reduces corrosion and their properties prolong the service life. The dirt can accumulate on unprotected rails, this dirt should be removed regularly.

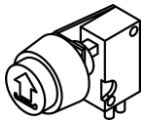
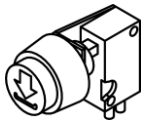
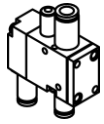
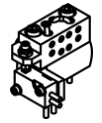
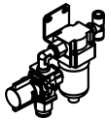
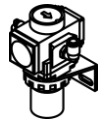
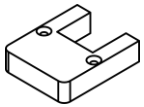
Check the surface of the rails weekly to ensure regular periodic cleaning.

Grease skates every 50 km of travel, approximately.

8.4 MAINTENANCE SCHEDULE

TASK/ITEM	ACTION	INTERVAL
Grease and lubricate runners	Add about 5 cm^3 of universal lithium grease to each runner.	Every 50 km or annually, whichever is reached first.
Check wire condition	Inspect the two cables that hold the support platform, especially at their anchor points, check the condition of the cable along the route making sure that there are no signs of deterioration or frayed, bent or crushed sections. If the cable is in bad condition, you must contact your 3Arm® dealer to arrange a replacement.	Before every use
Clean and grease wires	Move the slide to its lowest position and clean the visible part of the wire. Next, lightly grease both wires using a universal lithium grease.	Annually
Regulator filter with pressure gauge	- Regularly check for cracks, scratches or any wear on the transparent resin housing of the air filter and regulator. Replace the filter cartridge every 2 years or when the pressure drop is 0.1 MPa, whichever occurs first. - Remove moisture before maximum capacity is reached. Open the air filter bleed screw by hand. Use of tools can damage the product.	Regularly
Nuts, bolts and fasteners	Check the tightness and operation of all fasteners.	Regularly
General cleaning	When you find dirt, clean it with a mild household cleaning product. Do not use other cleaning agents, as these can cause damage.	Regularly
Check pneumatic circuit and pneumatic connections	Perform a general check of the fittings and housings between tubes. Make sure there are no air leaks and that the connectors work properly.	Regularly

9 SPARE PARTS

CODE	DESCRIPTION	PICT.	CODE	DESCRIPTION	PICT.
M3153100R	UP PUSH-BUTTON		**M3171800R**	DOWN PUSH-BUTTON	
CL124400R	5-WAY ACTUATED VALVE		**NH027746**	FLOW REGULATOR	
CL106200R	3-WAY ACTUATED VALVE		**NH026196**	SELECTOR VALVE "O	
NH101300	"Y" SELECTOR VALVE		**CL142900R**	SAFETY BRAKE	
MV406004	LOCKING CYLINDER		**MV40590A3**	CLAO COVER CIL 42	
NH123100	SAFETY VALVE AND FILTER		**CL128200**	AIR REGULATOR	
CL104400	SILICON STOPPER D63		**NH113500**	FLOW REGULATOR	
CL01A305R	PAD COLUMN		**CL150500R**	ANTI-TWIST STOPPER (S0/S1/S2/S3/S4 and S6)	

10 GUIDELINES FOR PACKAGING, TRANSPORT AND DISASSEMBLY

10.1 PACKAGING

Follow the instructions below for packaging the device to change location or to ship it for repair and maintenance.

10.1.1 Preparations

The machine must be set to out of service mode. Assembling the "transport safety elements" will prevent movement during transport and thus possible damage to the installation. Block the movement of the carriage.

10.1.2 Choice of packaging

During long-distance transport, the device's component parts must be packaged appropriately to protect them against weather damage.

10.1.3 Inscription on packaging

Follow the specific provisions of the country where transport is taking place. For completely closed packages, a label must be placed on the package indicating which end is up.

10.1.4 Packing procedure

Place the device on manufactured wooden pallets. Using tie-down straps, secure the components to keep them from falling. Attach all accompanying technical documentation required for the device.

10.2 TRANSPORT

The following information must be considered when transporting the device.

- ✓ External dimensions according to segment (width x height x depth) approx.:
  - 1500 D63: 1632x682x452mm
  - 2000 D63: 2132x682x452mm
  - 2500 D63: 2632x682x452mm
- ✓ Total weight according to segment:
  - 1500 D63: 106 kg
  - 2000 D63: 128 kg
  - 2500 D63: 146 kg

10.3 DISASSEMBLY

- ✓ The equipment must be taken out of service by properly trained and authorised personnel.
- ✓ The equipment must be disassembled taking into account the instructions on safety, waste disposal and recycling.
- ✓ Protect the environment. The equipment must be disposed of following standards and directives in force in the areas of safety, noise prevention, environmental protection and accident prevention.

11 COMPATIBILITY TABLE 3ARM – ROSCAMAT

Accessory	SERIES – 3arm								
D63 Column	S0	S1	S2	S3	S4	S6	S7	M3	M5
	●	●	●	●	●	●	⊘	●	⊘

Accessory	SERIES – ROSCAMAT						
D63 Column	200	400	500	Mosquito	Tiger	Shark	Dragon
	●	●	●	●	●	●	●

12 ACCESSORIES COMPATIBILITY TABLE

	COLUMNA D63
EXTENSION 500	●
EXTENSION 1.000	⊘
TROLLEY	●
FIX COLUMN	⊘
PNEUMATIC LIFTER	⊘
FLOOR RAIL	●
LINER SLIDE	⊘

● = Compatible
⊘ = NOT Compatible

COMPATIBILITY

This equipment has been designed to use together with ROSCAMAT® and 3arm® products, as well as compatible ROSCAMAT® and 3arm® accessories. The manufacturer assumes no responsibility for any damages that may arise from the use of the equipment for other purposes.

13 ADDITIONAL ACCESSORIES

AIR COMPRESSOR	
Together with D63 Column and suitable trolley it's possible to install an air compressor, in this way we get air supply without need compressed air installation. Air compressor offers an autonomy of 2 cycles (this is: 2 upwards + 2 downwards), thanks to its air tank of 4 liters	

SAFETY CONSIDERATIONS – ACCESSORIES

TROLLEY: Possible column movement when used with the trolley must be taken into account. The floor must be level to prevent position drift. Confirm (end customer) if the brakes need to be locked, basing the decision on the work performed and risk associated with unwanted movement.

FLOOR RAIL: Possible column movement when used with the rail must be taken into account. The floor must be level to prevent position drift. Confirm (end customer) if the brakes need to be locked, basing the decision on the work performed and risk associated with unwanted movement.

TROLLEY WITH COMPRESSOR: Possible column movement when used with the trolley must be taken into account. The floor must be level to prevent position drift. Confirm (end customer) if the brakes need to be locked, basing the decision on the work performed and risk associated with unwanted movement. See the instruction manual provided by the manufacturer of the compressor delivered with your order.

CE/UKCA DECLARATION OF CONFORMITY

The manufacturer:

Company: TECNOSPIRO MACHINE TOOL, S.L.U.
Address: P.I.Pla dels Vinyats I, s/n nau 1
City: Sant Joan de Vilatorrada
County: Spain - EU

Declares that this product:

Designation:	Lifter
Model:	Column D63
Serial number:	Column D63 1500: from 002-026 Column D63 2000: from 002-099 Column D63 2500: from 002-063

It is classified as a machine according to the Machinery Directive 2006/42/EC and to which this Declaration refers, and complies with the following European EC Directives, and their applicable Essential Health and Safety Requirements (EHSR):

2006/42/EC – Machinery Directive

In the process of adaptation to Regulation 2023/1230

2014/68/EU – Pressure Equipment Directive

Authorised for documentation:

Ramon Jou Parrot, TECNOSPIRO MACHINE TOOL, S.L.U.

Sant Joan de Vilatorrada, Tuesday, April 29, 2025

Ramon Jou Parrot, Chief Engineering Officer